

AMENDMENTS TO THE DRAWINGS

Please replace the originally filed Figure 1 and Figure 2B with the accompanying replacement sheets.

Figure 1 has been amended to include reference numerals 10, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in accordance with the associated descriptions in the specification. In addition, the label of block 24 has been amended to correspond with the description in the specification as follows: “CDMA MS WITH SUBSCRIPTION IN GSM CORE.”

The originally filed Figure 2B was inadvertently swapped with Figure 2B in co-pending Application No. 10/804,301, which has been explicitly incorporated by reference in the subject application. The intended Figure 2B corresponding to the description in the specification beginning at paragraph [0063] has been copied from Application No. 10/804,301 and submitted in the accompanying replacement sheet. In addition, the arrow proceeding from step 236 has been rerouted to step 230 to correspond with the description in paragraph [0067].

REMARKS

Claims 1, 2, 4 to 11, 13 to 16 and 18 to 21 are pending in the present application. Claims 1, 10, 15 and 21 are the independent claims and have been currently amended. Support for the amendment is found at least in paragraph [0064] and Figure 2B of the application. Reconsideration and further examination are respectfully requested.

I. Drawings

As described above, Figures 1 and 2B have been amended and presented in their amended form in the accompanying replacement sheets. No new matter is believed to have been added by way of these amendments. Approval and entry of the replacement drawing sheets are respectfully requested.

II. Rejection Under 35 U.S.C. § 102

Claims 1, 2, 4, 5, 7 to 11, 13 to 16 and 18 to 21 were rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by U.S. Patent No. 6,681,111 (“Ahn”). Applicants have reviewed the Ahn reference and respectfully submit that the rejected claims are patentably distinguishable over this reference for at least the following reasons.

Independent claims 1, 10, 15 and 21 have been amended to recite the feature of storing authentication information obtained from a first network in a general global gateway (GGG) for subsequent accesses by a mobile station. Ahn is not understood to disclose or even suggest this claimed feature.

The international roaming gateway system (IRGS) 300 described in Ahn is understood to request authentication parameters from the home location register (HLR) 220 in the GSM system 200 for terminal 150 for actions such as location registrations and sending/receiving calls. However, Ahn is not understood to teach that the IRGS 300 stores the requested authentication parameters from HLR 220 for subsequent actions of terminal 150. Rather, the IRGS 300 described in Ahn is understood to request authentication parameters from the HLR 220 for each action involving terminal 150. Even under the Office Action’s contention that the IRGS 300 corresponds to the general global gateway recited in the claims, which Applicants do not concede, Ahn fails to teach or suggest at least the feature of storing authentication information obtained from a first network in a general global gateway (GGG) for subsequent accesses by a mobile station.

U.S. Patent No. 6,564,055 (“Hronek”), which was applied in a separate rejection discussed below, is not understood to disclose or suggest anything to remedy the deficiencies of Ahn. Specifically, Hronek is not understood to disclose or suggest at least the feature of storing authentication information obtained from a first network in a general global gateway (GGG) for subsequent accesses by a mobile station.

Because each and every feature of independent claims 1, 10, 15 and 21 is not found in the applied references, these claims are believed to be in condition for allowance. Reconsideration and withdrawal of the § 102(e) rejection of Claims 1, 10, 15 and 21 are respectfully requested.

Rejected claims 2, 4, 5, 7 to 9, 11, 13, 14, 16, 18 and 19 are dependent from the independent claims discussed above and therefore are believed to be allowable over the applied references for at least the same reasons. Because each dependent claim is deemed to define an additional aspect of the invention, however, the individual consideration of each on its own merits is respectfully requested. Reconsideration and withdrawal of the § 102(e) rejection of claims 2, 4, 5, 7 to 9, 11, 13, 14, 16, 18 and 19 are respectfully requested.

III. Rejection Under 35 U.S.C. § 103

Claim 6 was rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Ahn in view of U.S. Patent No. 6,564,055 (“Hronek”). Claim 6 depends from claims 1 and 4 discussed above. As previously presented, neither Ahn nor Hronek are understood to disclose or suggest the recited features of claim 1 and therefore claim 1 is believed to be in condition for allowance. Because claim 6 depends from claim 1, claim 6 is believed to be allowable over the applied references for at least the same reasons. Reconsideration and withdrawal of the § 103(a) rejection of claim 6 are respectfully requested.

CONCLUSION

In light of the amendments contained herein, Applicants submit that the application is in condition for allowance, for which early action is requested.

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Respectfully submitted,

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